INSTRUCTIONS

H767

Congratulations! You have just acquired the smallest scientific calculator in the world! This machine is the result of modern LSI technology and advanced production technique. Never has there been such a small machine with such a large capability of performance!

To enable you to get the maximum results from this machine, please read through this manual carefully. It will save you many hours of experimentation.

First, install the 9V, (006P) battery by sliding the battery cover open. Install the battery, observing correct polarities of the battery, and close the battery cover. Switch the power-on switch to "ON". One zero, 0, should appear at the left hand corner of the display. If not, check the battery again for correct connection and polarity.

WARNING!

Always remove low batteries from machine! Low batteries leak and will damage the machine. Any damage caused by battery leak are "NOT" under the warranty of the manufacturer.

	EXPLANATION OF KEYS	ī					
,s**	0 to 9						•
	Numeric entry keys.						
				uses RPN (Reven			
-				nge to you at the /antages and pow			
	Decimal key.	-		equires no parent			
						·	
	Arithmetic function keγs.		everter eo	Service.			
	C/CE Clear Key:		EXAMPLES				
	Press once, clear only previous entry,		ADDITION				
	press twice, clear all the figures.	1	2 + 3 + 8 =	13			
	[+/_]						
	Sign change key. Press once for sign change.	ľ	Key Entry			Display	
			2			2	
	RM.	1	ENT			2	
	Recall memory key.		3	·		2	
,	[F]					3	
	Function key. Press the key will activate the secondary functions printed above the normal function keys.		+			5	
	CA CA		8			8	
/	Clear all key. Press this key to clear all the		\oplus			13	Answer
	figures including memory.	1					
	D	1	SUBTRACTIO	ON			
Andrew .	Display Recall key. After 30 seconds approximately,		4 5 C D	. 614	•		
	display goes out to save battery.		45 - 6 - 8	ال ≏			
	Press this key to recall display.		Key Entry			Display	
	The following functions are activated only after	1	45			45	
	first pressing the F key.		ENT				
	π		<u> </u>			45	
	Pi, 3.1415926.		6			6	
						39	
	1/x	İ	8			8	
	Reciprocal.					31	Answer
	cos		اا				All SWCI
	Cosine.	1	MULTIPLICA	TION		-	
r q	(SIN)	. [
4	<u>isini</u> Sine.		2 % d = 9 m	72			
	· 		Key Entry	•	•	Display	
	TAN	Ì	2			2	
	Tangent.		ENT			2	
			<u> </u>				
	Arc cosine.		4			4	
	$[SIN^{-1}]$		<u> x </u>			8	
	Arc sine.		9			9	
	TAN-1		×			72	Answer
e A	Arc tangent.		-97-2				
1 () 1 ()		ł	DIVISION				
. (D→R	l					
1	Degrees to Radians.		$\frac{98}{4 \times 2} = 12.$	25			
1	[R→D]		4 X Z	4			
	Radians to Degrees.		Key Entry	•		Display	
	M—	İ	98			98	
	Subtract display from memory.		ENT			98	
			4			4	
	<u>M+</u>						
	Add display to memory.					24.5	
	MS	1	2			2	
	Memory store. If a number had been stored before,					12.25	Answer
	the addition of a new number will replace the first number. First number will be lost.						
	Depressing O F MS will cancel the memory.		CHAIN OPER	ATION	•		
	,		² , <u>10</u>	; (12 x 2 + 3) x	, î6	~)	
	Log		2 - 21 +	(12 X 2 + 3) X	4 ×		ሰ
	Common logarithm, to the base 10.	ļ		24			•
	<u>Ln</u>		Key Entry	Display			
	Natural logarithm to the base e.	2.	10 ENT				
	$oldsymbol{ol{ol{ol}}}}}}}}}}}}}}} $	1	10 ENT	10			
	Y raised to the x power.		2 🗦	5			
	<u> </u>		2 🗐	3			
	e reised to the v power	1.					
	e raised to the x power.	1	12 ENT	12			
	· :		2 🗶	24			
	\sqrt{x}		3 +	27			
	Square root.	•			. ـ بر		
			<u>[+]</u>	30	/ 3 is	added t	to 27!
	X-Y	12	16 ENT	16			
	`	1 -	10 (211)				
	X, Y exchange.			4			
	X, Y exchange.		4 🖶	4			
	X, Y exchange.			4 8			

240 divided by 24

NEGATIVE NUMBERS

1	
<u> </u>	.333333333
7	

•
Display
3
3
33333

-.33333333

SQUARE ROOT

$(6 + \sqrt{8}) \times 3 =$	26.485281
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Key Entry	Display
6 ENT	6
8 F √x	2.8284271
+	8.8284271
3 ×	26.485281

SQUARE

$$(3 + 1.5^2)^2 = 27.5625$$

Key Entry	Display
3 ENT	3

NATURAL LOGARITHM

$$Ln 44^3 = 3 \times Ln^{44} = 11.35257$$

Key Entry	Display
3 ENT	3
44 F Ln	3.78419
×	11.35257

COMMON LOGARITHM

$$Log \left(\frac{846}{2} \right) = 2.6263$$

Key Entry	Display
846 ENT	846
2 ÷	423
F Log	2.62634

NATURAL LOGARITHM, TO THE BASE &

 $e^{-0.2} = 0.818731$

Key Entry	Display
.2 [+/_]	2
F e [×]	.818731

ANTI COMMON LOGARITHM

Key Entry	Display
10 ENT	10
2.55 F Y ^X	354.8131

RAISING ANY NUMBER TO ANY POWER

3^{3.33} =, 38.79839

Key Entry	Display
3 ENT	3
3.3 F YX	38.79839

DEGREES TO RADIANS AND REVERSE

45° = 0.78539815 radians

Key Entry	Display
45 F D→R	0.78539815
F R→D	44.999999 = 45°

TRIGONOMETRIC FUNCTIONS

Key Entry	Display
30 F SIN	0.5
F SIN-1	30
F cos	.8660255
F Cos-1	29.99999
FTAN	.57735
F TAN-1	29.99999

RECIPROCAL

$$\frac{1}{x} = .11111111$$
Key Entry
Display
$$9 = 0.111111111$$

PI

PI
$$\pi$$
 2 π R = 2 π 6 = 37.699111 .

Key Entry Display 2 ENT 2

$F\pi$	62831852
6 🗙	37.699111

MEMORY AND MEMORY STORE AND OTHER FUNCTIONS
$$\frac{10}{(2+3)-7}$$

Entry	Display	Comments
CA	0	
2	2	
F M+	2	2 in memory
3	3	
F M+	3	5 in memory
7	7	
F M-	7	-2 (subtract from memory)
10	10	
ENT	10	
RM	-2	-2 recall memory
<u>_</u>	5	2 division

COMPLEX CALCULATIONS

	3 Δ
$\int_{\mathcal{B}_{1}^{2}} \left\{ \left(\left(\left(\frac{400}{201-1} \right)^{2} (0.2) + 1 \right) \right\} \right\}$	$\frac{1}{0.4}$ 11 $\frac{29.96}{110.286}$ 1
$= \sqrt{5} \left\{ \left(\left\{ \left\{ \left\{ \frac{400}{661.5} \right\}^2 (0.2) + 1 \right\} \right\} \right)^2} \right\}$	15'' - 1)(
* 551.5	

* ц	6.166	19	
Entry	Display	Comments	
400 ENT	400		
661.5 🛨	.60468631		
ENT x	.36564553	Squared	
.2 x	.0731291		
1 +	1:0731291	-	
1.4 ENT	1.4		
.4 🗦	3.5		
F YX	1.280211	·	
1 🔼	.280211	<u>-</u>	
29.96 ENT	29.96		
15 🛨	1.9973333		
×	.55967476		
1 +	1.5596747		
.286 F Y ^X	1,135553		
1 🖃	.135553		
5 x	.677765		

.82326484